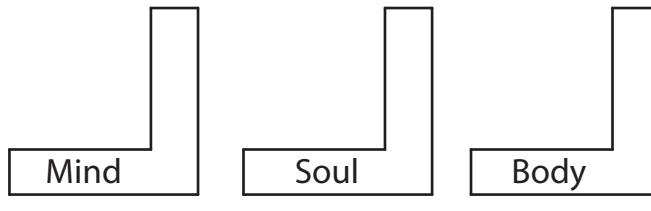


Retreat: Revelstoke, B.C. Canada

Mind
Body
Soul



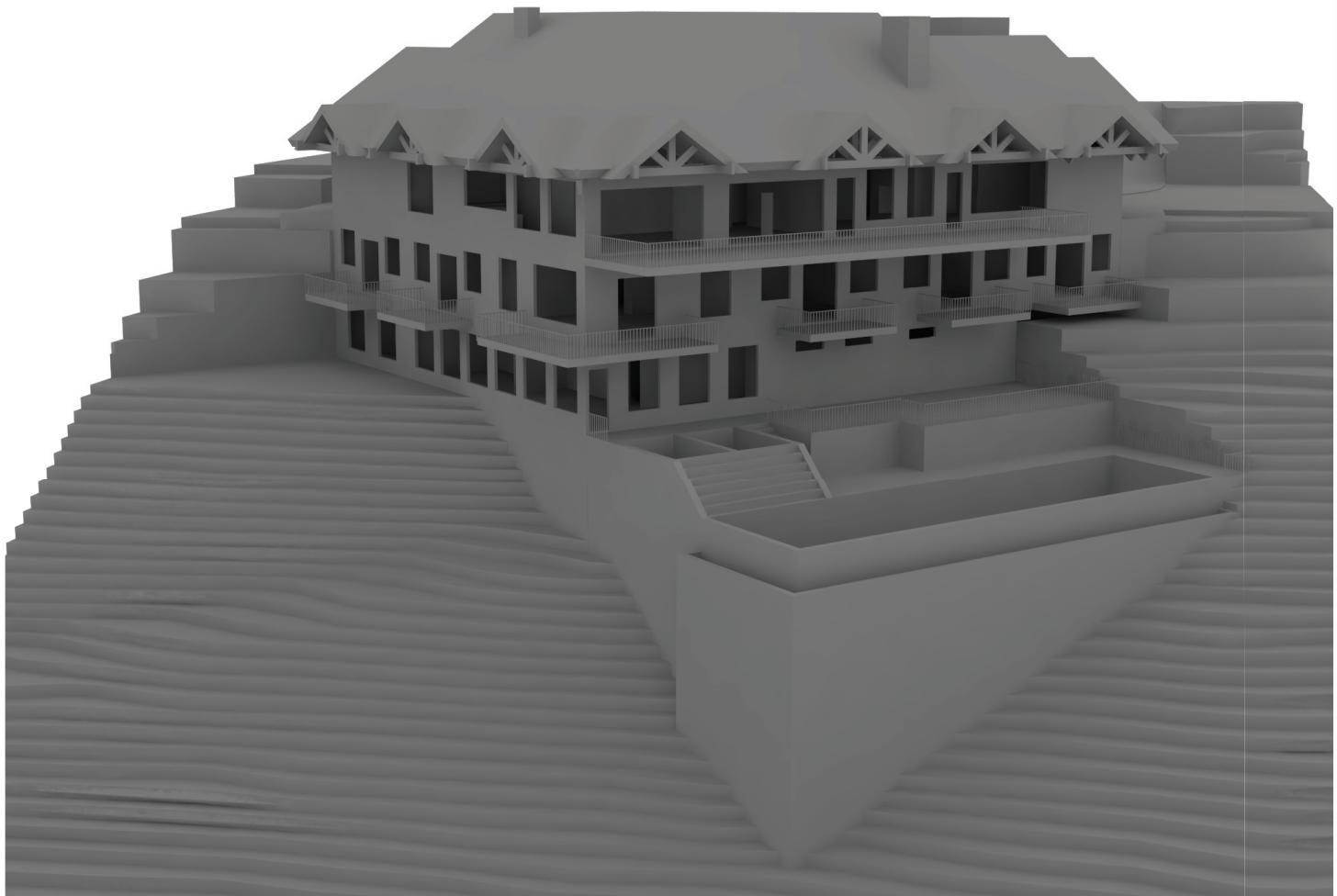
Concept Diagrams

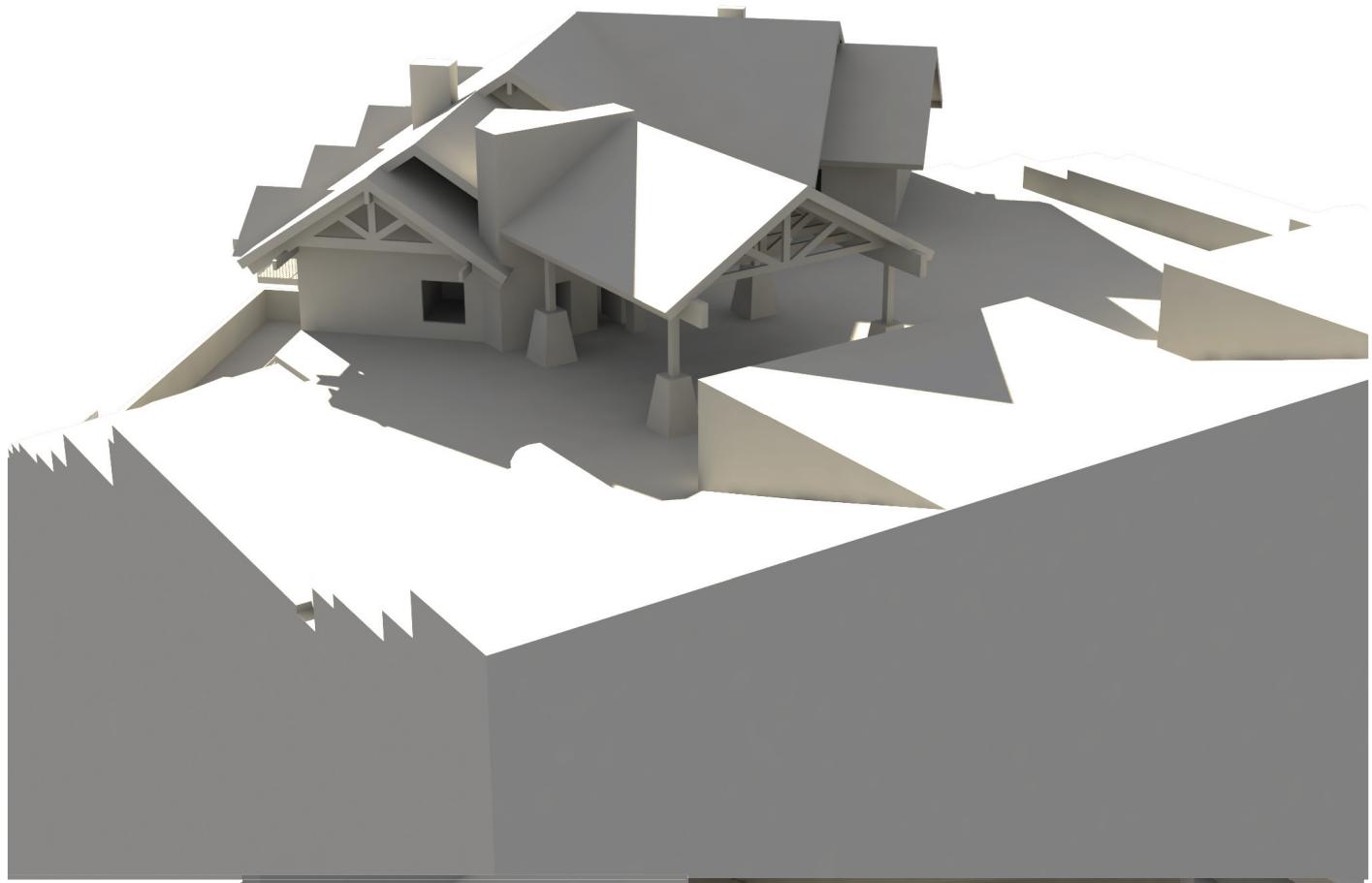
Studio 4: Retreat, Revelstoke, B.C., Canada[Designed in Rhino]

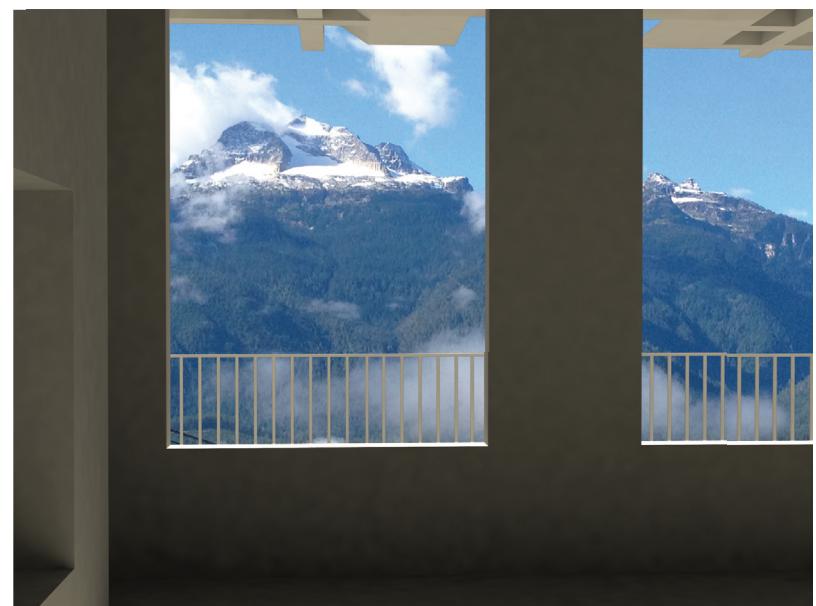
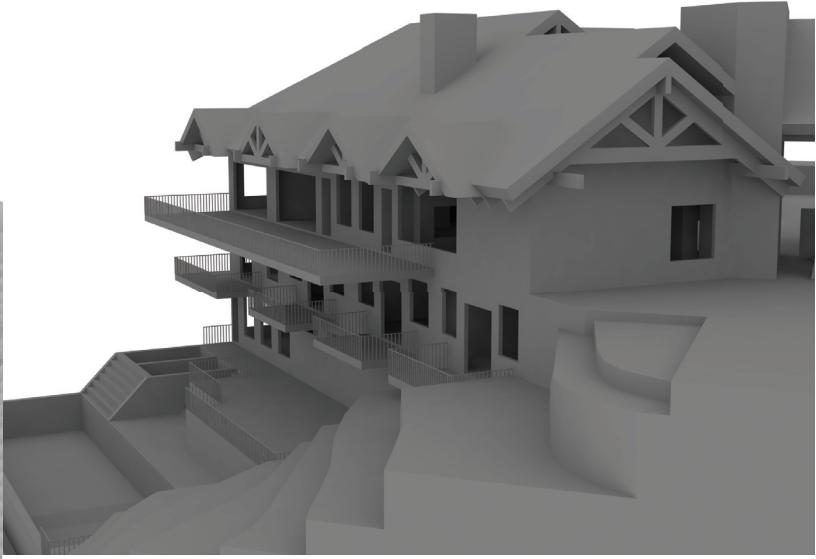
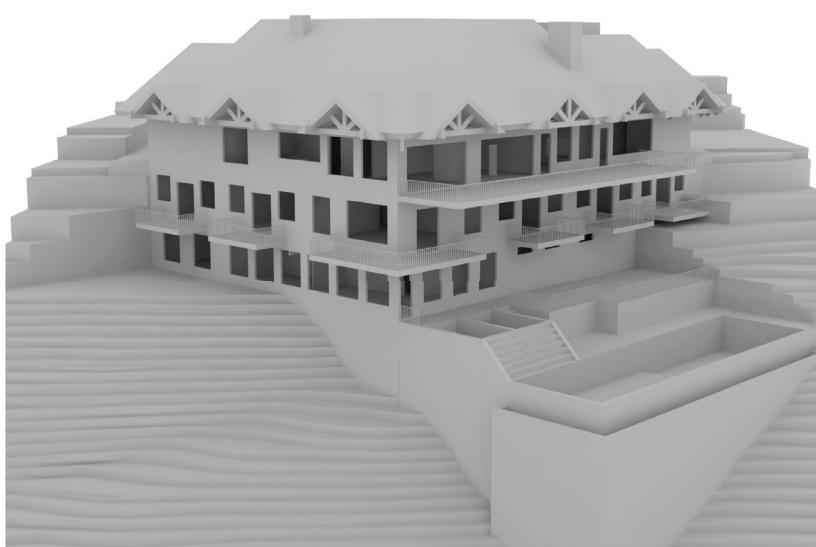
The project was to design a retreat up in the mountains by Revelstoke, B.C. in Canada. The location is next to a large ski resort that is very busy. In the winter there is a lot of snow but it doesn't get super cold so it is a good location to go to and during the summer there is nice weather to do activities such as bike riding and hiking

The idea behind this project was to design a retreat that could be a place for people to go and relax and enjoy the nature around them. The concept is that when a person arrives at the retreat they will feel relaxed and comfortable. This all starts with the fireplace in the entryway. When you enter the building you will see exposed beams which helps create a homey feeling. While each room has a view down the slope and of the surrounding mountains. The retreat has been designed to be used all year long. Such as the pools can be heated for winter or cool for summer times and you can also enjoy the views from the infinite pool.

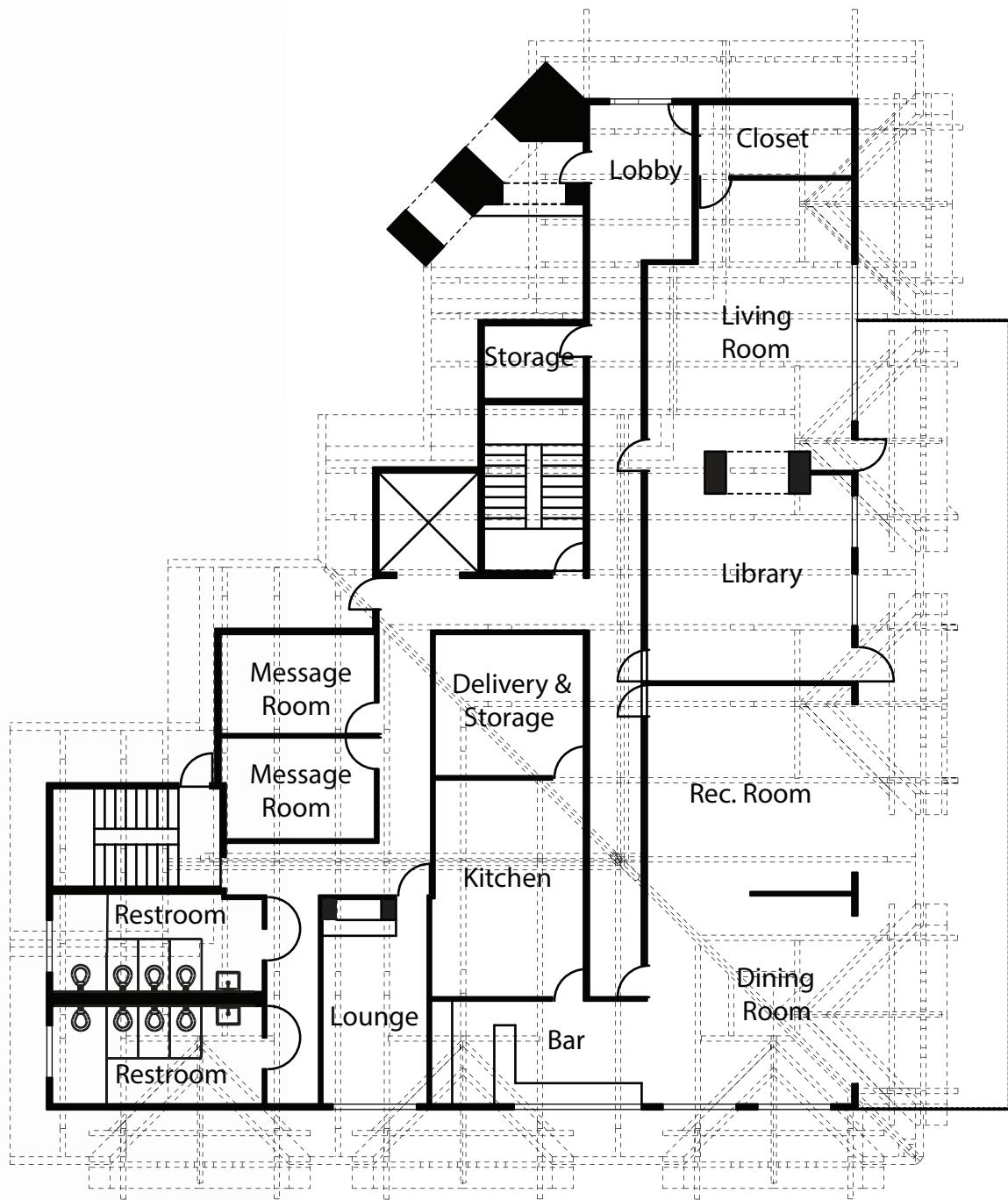
The concept of the building is mind body and soul the idea of the retreat is to rejuvenate all three. The top level is for the soul where you can be with other people to enjoy their company and rejuvenate your soul. The suite level is about rejuvenating your mind it allows you to be alone with yourself to just think and contemplate life. The bottom level is about the body it's where you can rejuvenate your body through the exercise rooms or the spas and pool.



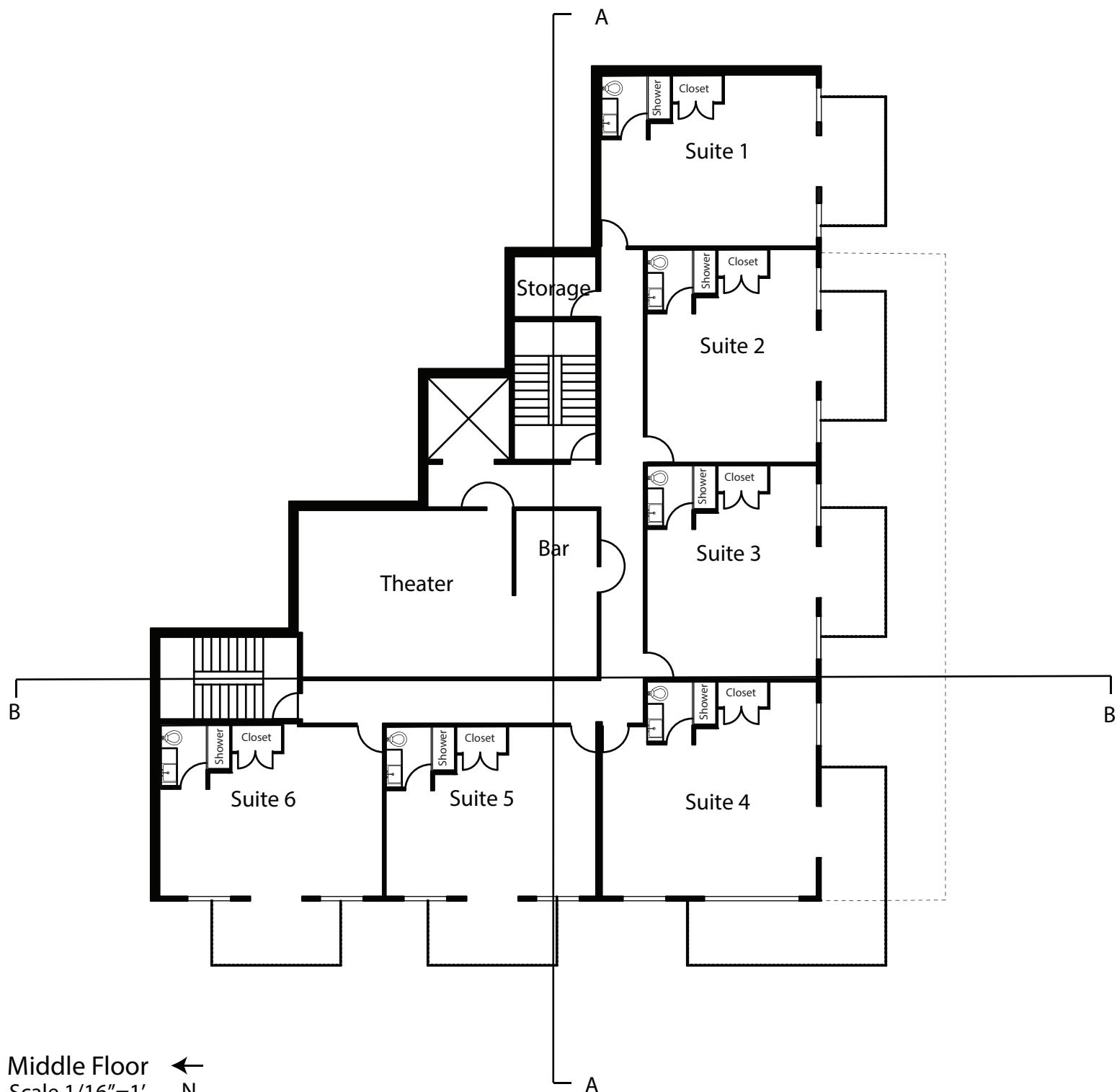


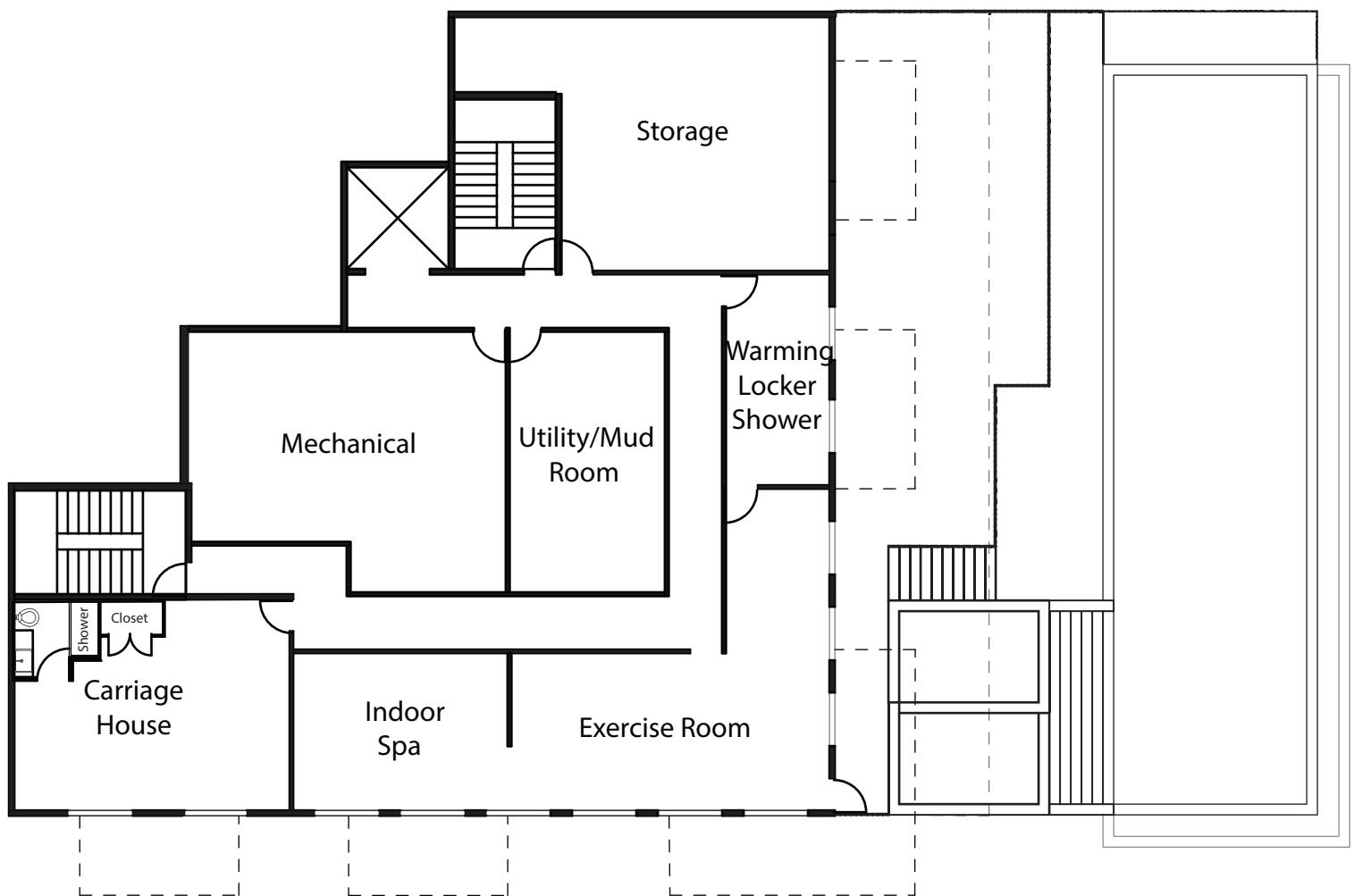




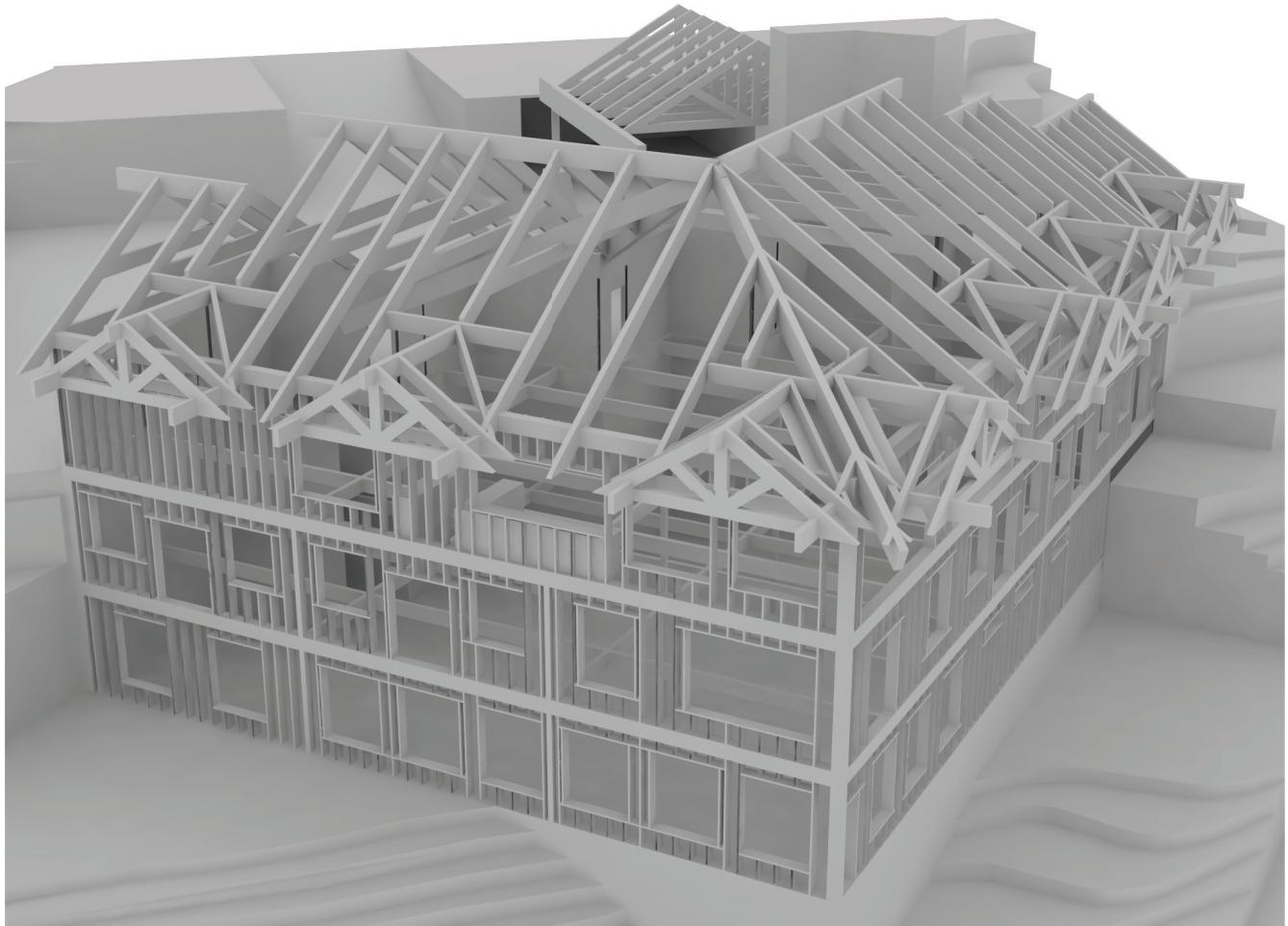


Top Floor ←
Scale 1/16"=1' N

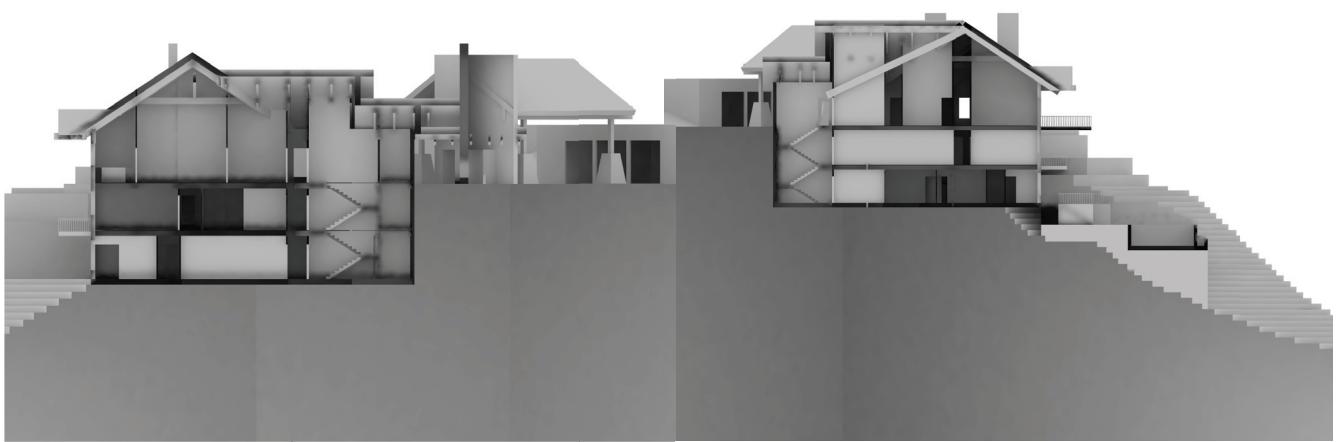




Bottom Floor ←
Scale 1/16"=1' N

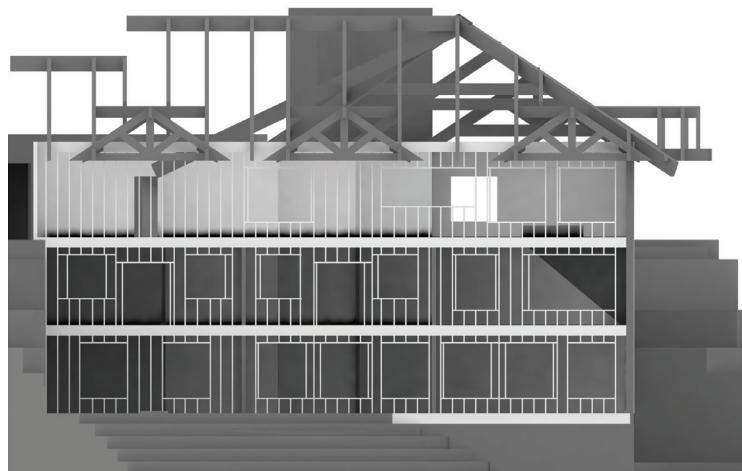


Structural Axonometric

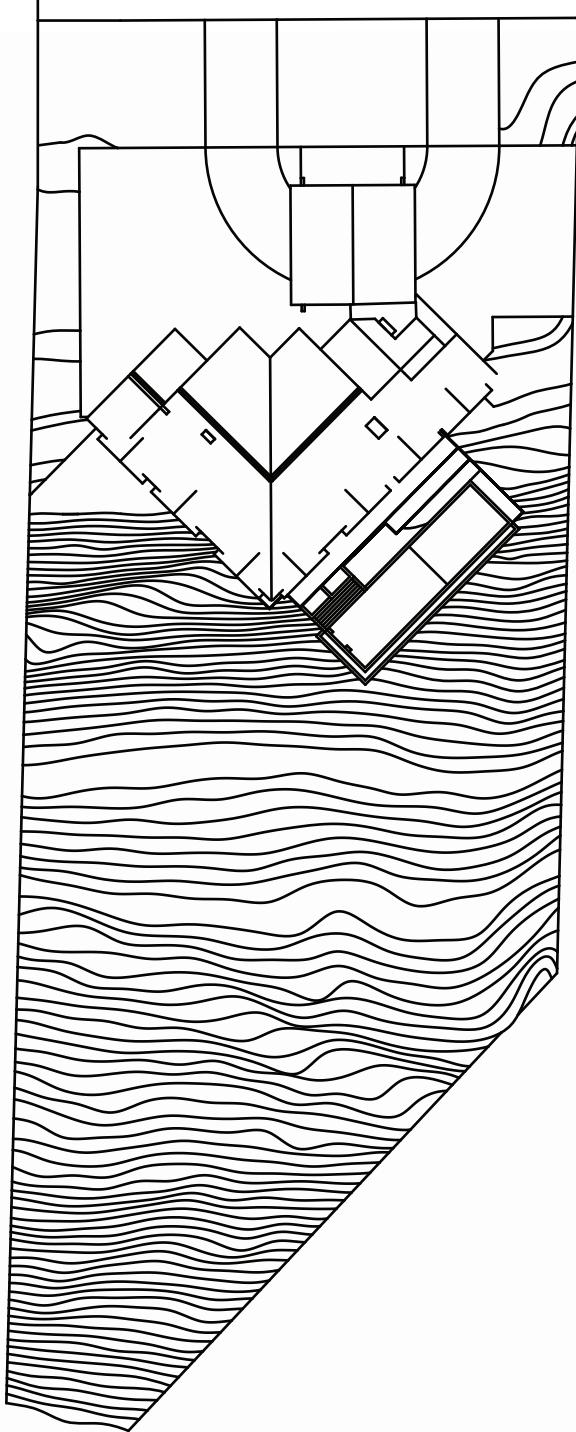
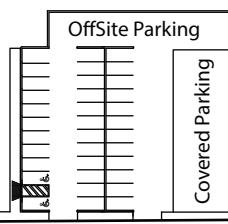


Section AA

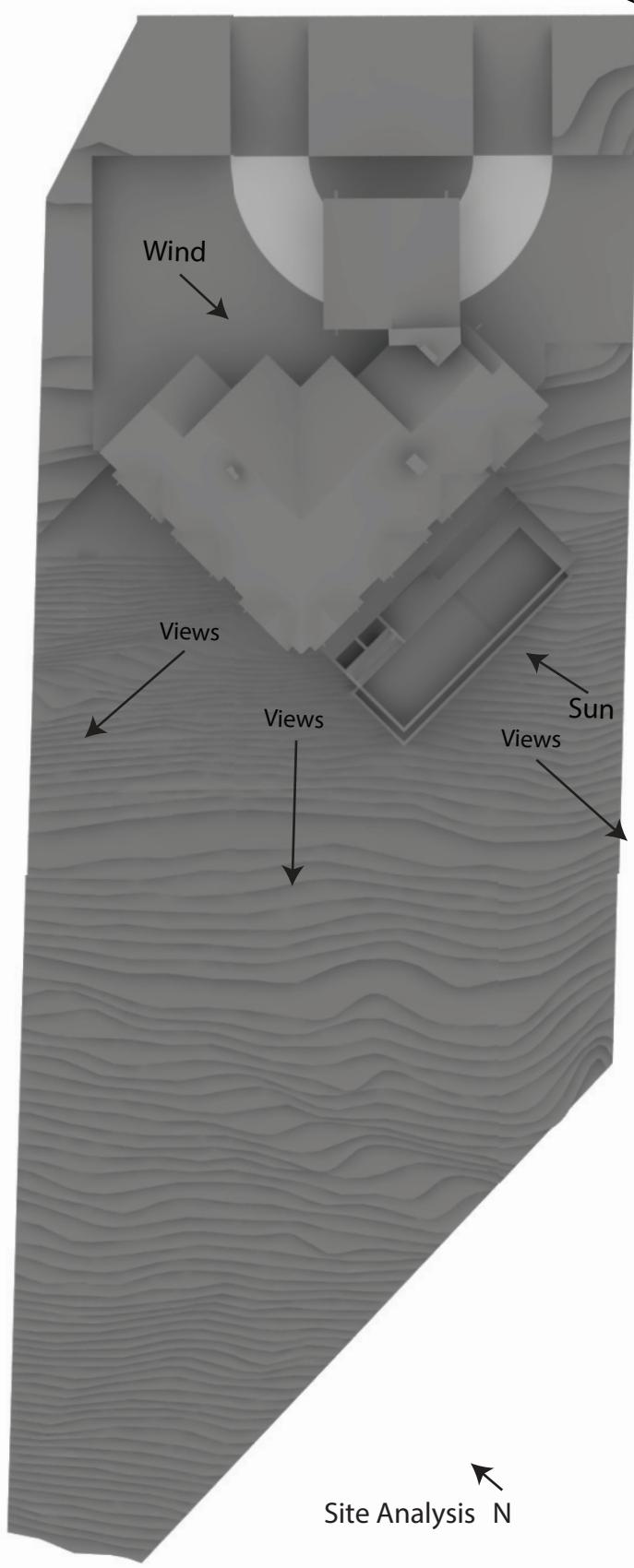
Section BB



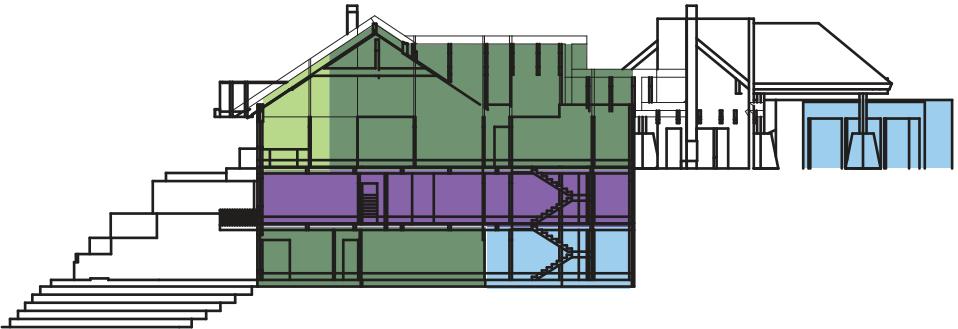
Structural View



Site Plan
Scale 1/64"=1' N

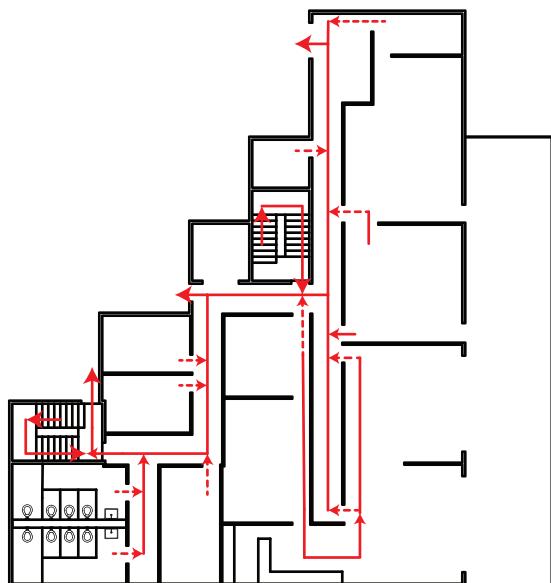


| Top Floor | Area | Occupancy Load | Occupancy Type | | | | |
|-----------------------|-------------|-----------------|--------------------------|------------------|------------------|--|--|
| | | | Assembly Group 1 | Assembly Group 2 | Assembly Group 3 | | |
| Lobby | 150 sf | 3 | | | | | |
| Coats | 105 sf | 2 | | | | | |
| Restroom | 400 sf | ? | | | | | |
| Massage Room 1 | 150 sf | 3 | | | | | |
| Massage Room 2 | 150 sf | 3 | | | | | |
| Community Rec. Room | 400 sf | 40 | Parking Garage | 1131 sf | 5 | | |
| Lounge | 288.5 sf | 28 | Pool Level | Area | | | |
| Community Living Area | 520 sf | 52 | Outdoor Kitchen & Eating | 400 sf | 26 | | |
| Library/Study | 400 sf | 40 | | | | | |
| Delivery & Storage | 210 sf | 2 | Upper Deck | 650 sf | 43 | | |
| Dining Room | 400 sf | 30 | Pool Deck | 475 sf | 31 | | |
| Bar | 200 sf | 15 | Hot Pool | 150 sf | 10 | | |
| Kitchen | 315 sf | 3 | Cold Pool | 150 sf | 10 | | |
| Middle Floor | Area | | Main Pool | 1,400 sf | 93 | | |
| Suite 1 | 500 sf | 2 | Top Floor Deck | 1,079 sf | 71 | | |
| Suite 2 | 500 sf | 2 | | | | | |
| Suite 3 | 500 sf | 2 | Suite 1 Deck | 120 sf | 8 | | |
| Suite 4 | 600 sf | 3 | Suite 2 Deck | 120 sf | 8 | | |
| Suite 5 | 500 sf | 2 | Suite 3 Deck | 120 sf | 8 | | |
| Suite 6 | 500 sf | 2 | Suite 4 Deck | 304 sf | 20 | | |
| Theater | 500 sf | # of Seats (20) | Suite 5 Deck | 120 sf | 8 | | |
| Bar | 100 sf | | Suite 6 Deck | 120 sf | 8 | | |
| Storage | 100 sf | .3 | Outdoor Total Area | 4,356 sf | 352 | | |
| Bottom Floor | Area | | | | | | |
| Warming Locker Room | 200 sf | 4 | Occupancy Loads | | | | |
| Exercise Room | 600 sf | 12 | | | | | |
| Indoor Spa | 300 sf | 20 | | | | | |
| Carriage House | 500 sf | 2 | | | | | |
| Mechanical Room | 750 sf | 2 | | | | | |
| Mud Room/Utility | 375 sf | 7 | | | | | |
| Storage | 616 sf | 2 | | | | | |
| Sub Total | 10,529.5 sf | 310 | | | | | |
| Circulation | 2,640.5 sf | | | | | | |
| Total Finished Area | 13,170 sf | 310 | | | | | |

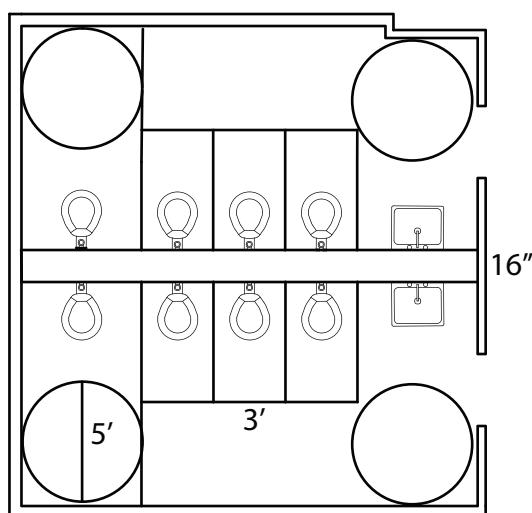


| Public | Private | Social | Intimate | |
|--------|---------|--------|----------|--------------------------|
| | | | | Entry Reception |
| | | | | Coats |
| | | | | Restrooms |
| | | | | Community Living Area |
| | | | | Off./Study/Library/Conf. |
| | | | | Community Rec. Roon |
| | | | | Community Dining |
| | | | | Bar Area/Wine Cellar |
| | | | | Kitchen |
| | | | | Delivery & Storage |
| | | | | Theater |
| | | | | Suite One |
| | | | | Suite Two |
| | | | | Suite Three |
| | | | | Suite Four |
| | | | | Suite Five |
| | | | | Suite Six |
| | | | | Massage Room One |
| | | | | Massage Room Two |
| | | | | "Carriage House" |
| | | | | Mud Room Utility |
| | | | | Exercise Area |
| | | | | Lockers & Showers |
| | | | | Discretionary Pool Area |
| | | | | Cold Pool |
| | | | | Hot Pool |
| | | | | Outside Kitchen/Eating |
| | | | | Misc. Patio/Decks |
| | | | | Parking |
| | | | | Shuttle Parking |
| | | | | Mech. |
| | | | | Storage |

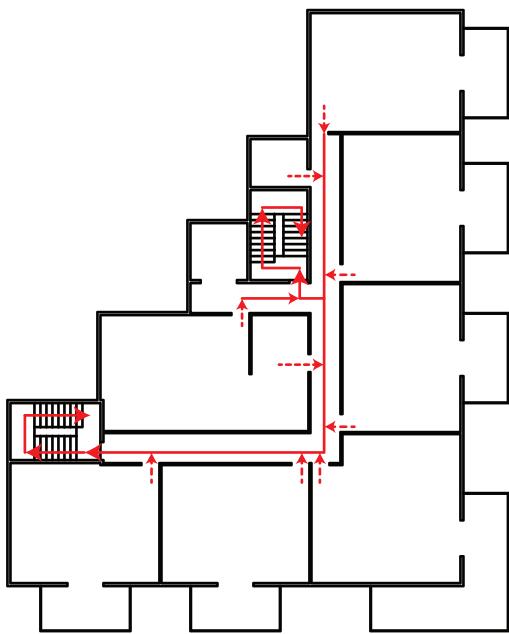




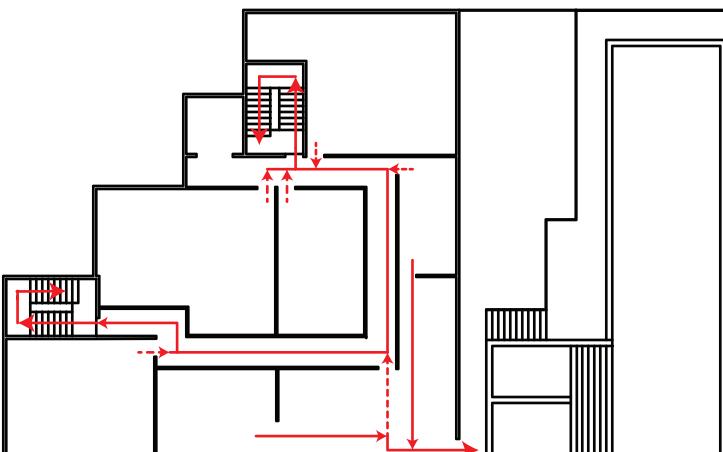
Main Level



Bathroom Detail Scale 1/8"=1'



Middle Level



Bottom Level

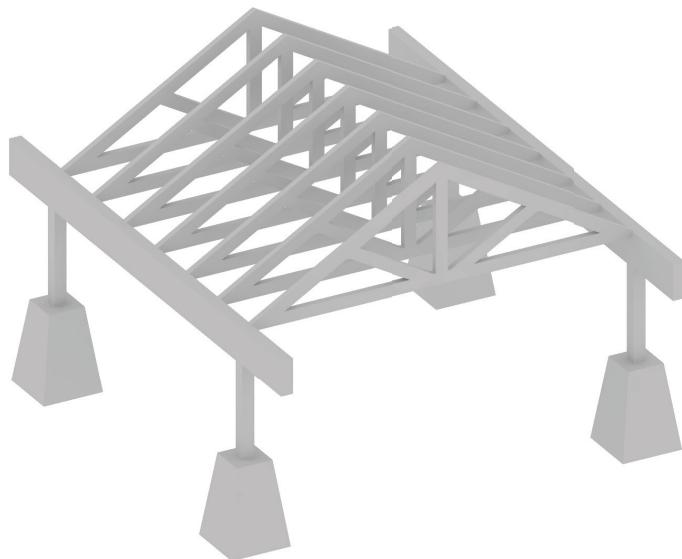
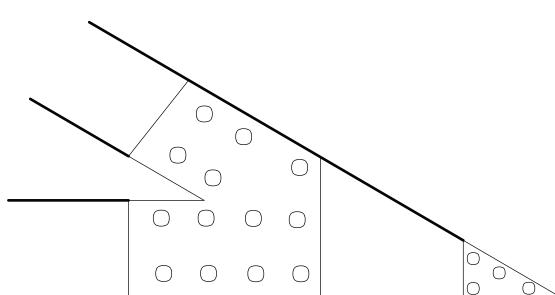
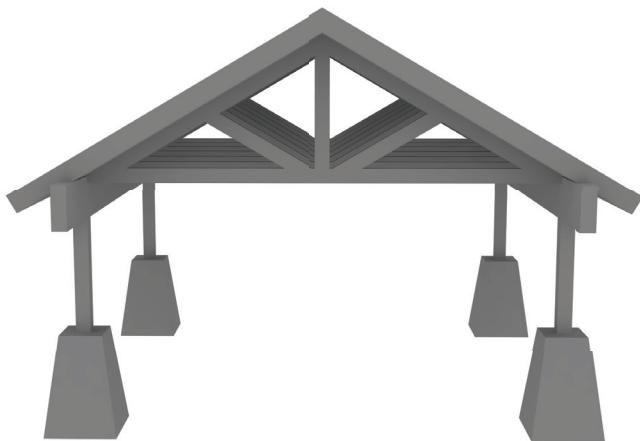
Egress Routes Scale 1/32"=1'

← N

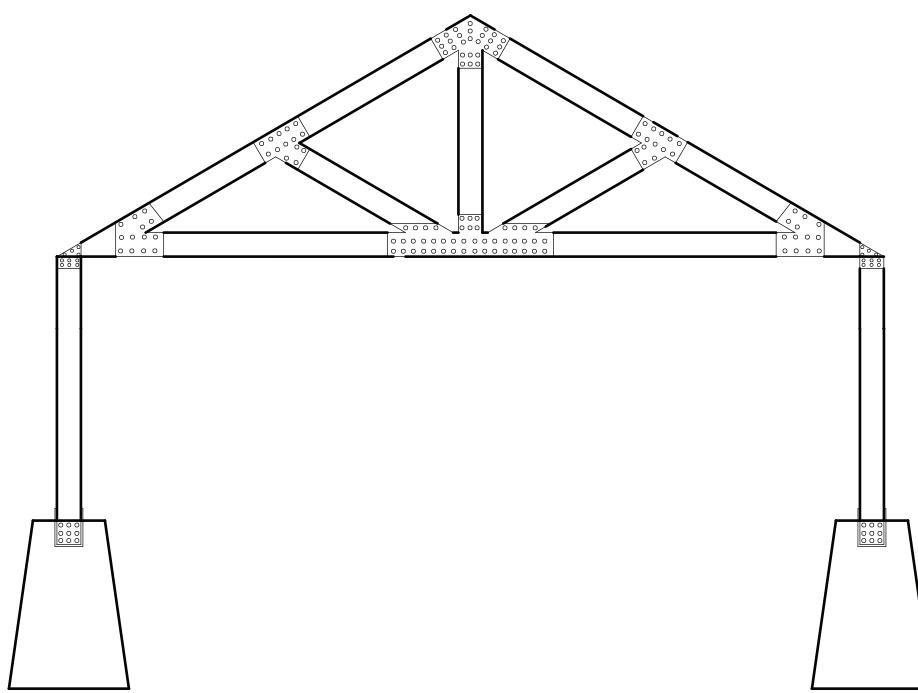
Assembly max travel distance unsprinklered 200'
 Assembly max travel distance sprinklered 250'
 Assembly open air seating with combustible constucion 400'
 or unlimited distance with noncombustible construction
 Max common path of egress travel:
 30' for assembly fixed seating with 50 or more occupants
 75' for others
 R-1 (Hotel & Motel) must be sprinklered; travel distance 250'
 and 75' common egress path

Largest area with single exit:
 Assembly 49 occupants
 R-1 10 Occupants

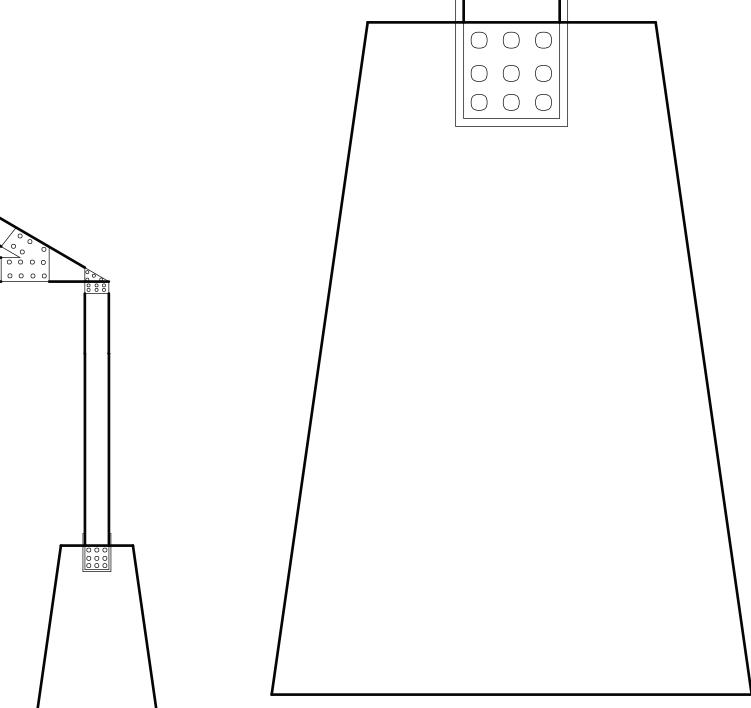
Fixture requirements:
 Water closets:
 Assembly: Male 1 per 125 occupants; Female 1: 65
 Lavatories: 1 per 200
 Drinking Fountian 1 per 1000 occupants
 Bussiness:
 Water Closets: First 50 occupants 1 per 2, Additional
 occupants 1 per 50
 Lavatories: First 80 occupants 1 per 40, Additional
 occupants 1 per 80
 Drinking Fountian: 1 per 1000 occupants
 Residential R-1:
 Water closet: 1 per sleeping unit
 Lavatories: 1 per sleeping unit
 No water fountian



Structural Axonometric



Scale 1/8"=1'



Scale 1/2"=1'